

V&V Reference Report

L2 ASCDS Version : 10.6

Observation 18961 - L2 Version 1
Chandra X-Ray Center

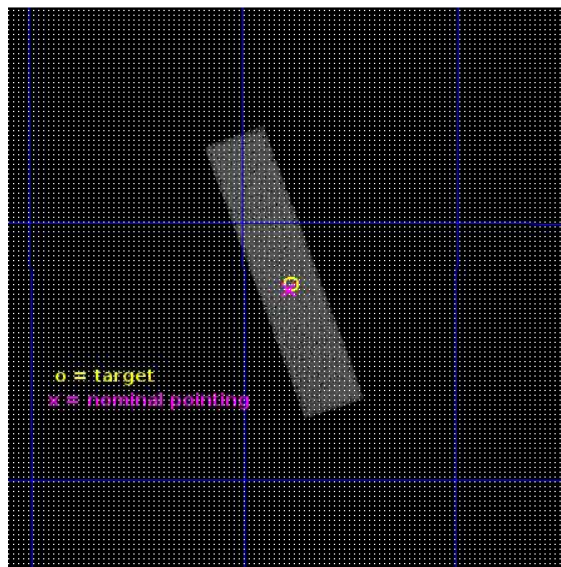
L2 Processing Date : Oct 25 2017

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1 Front

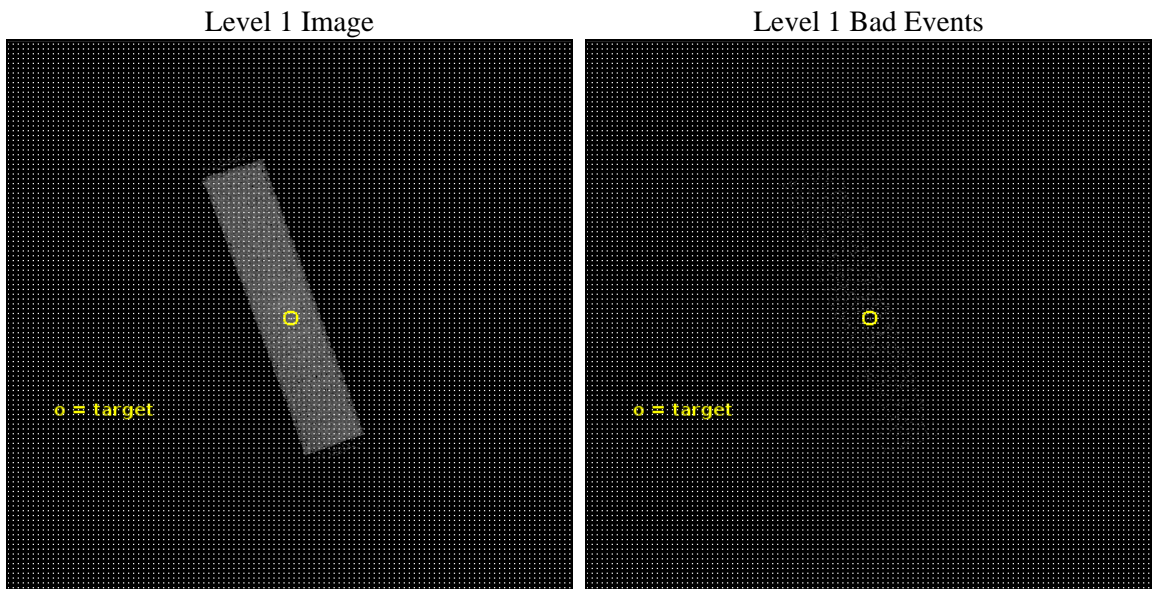
seq_num	401829	Sequence number
obs_id	18961	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Deepto Chakrabarty	Principal investigator
object	IGR J16597-3704	Source name
ra_targ	254.887	Observer's specified target RA [deg]
dec_targ	-37.120694	Observer's specified target Dec [deg]
ra_nom	254.8911039078	Nominal RA [deg]
dec_nom	-37.130901294273	Nominal Dec [deg]
roll_nom	250.31609503065	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1167.4750685692	[s]
livetime	1162.6297233627	Ontime multiplied by DTCOR
l2events	55253	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.6	Processing system revision	ontime	1167.4750685692	[s]
caldsver	4.7.6	 	l1events	161400	Number of level 1 events
date	2017-10-26T02:29:26	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

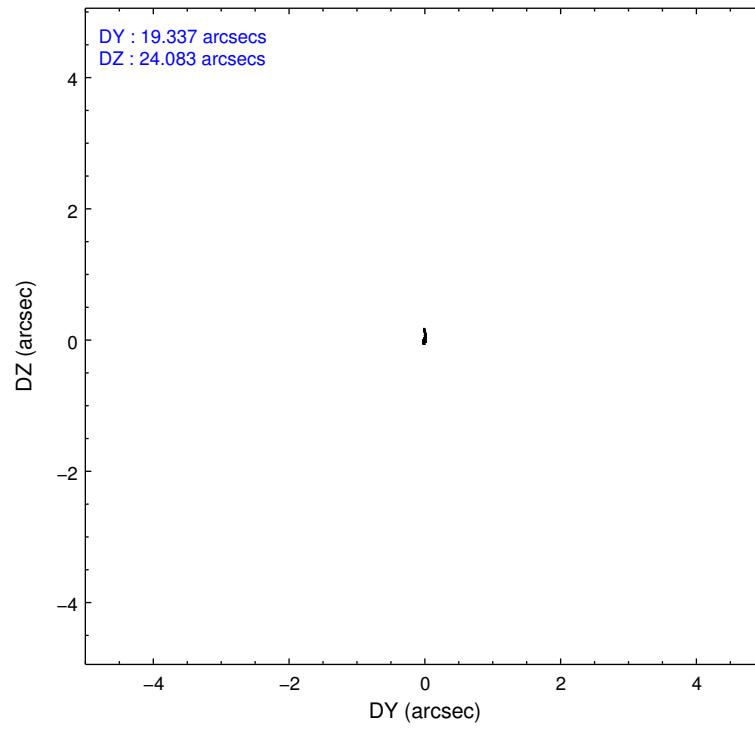
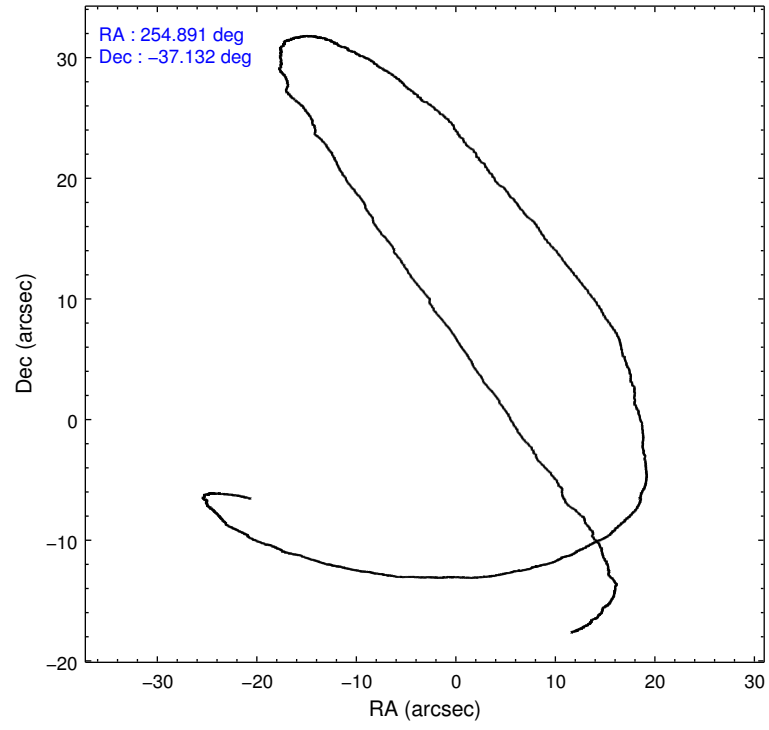
	segment 1	segment 2	segment 3
level 1 events	135	161258	7
rejected events	82	90643	7
rejected %	60%	56%	100%

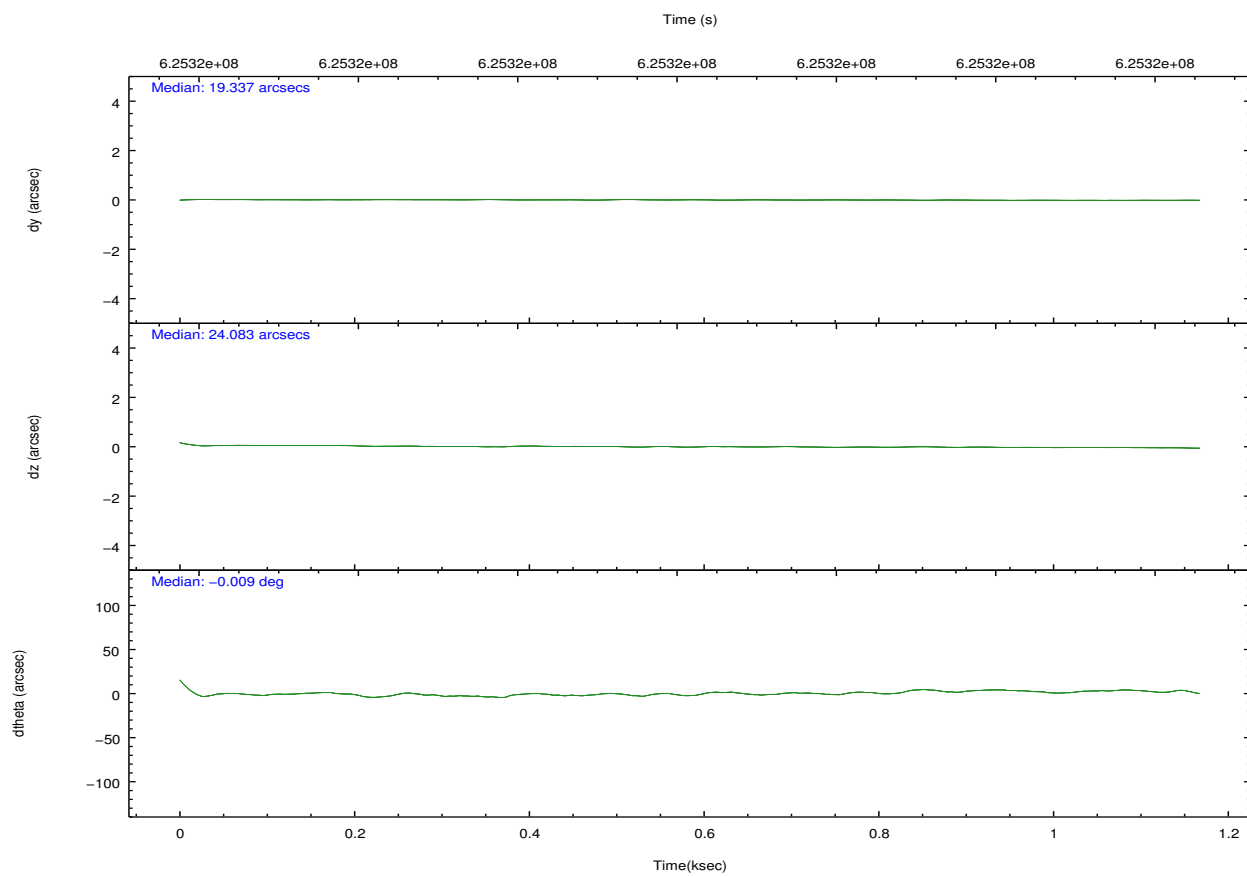
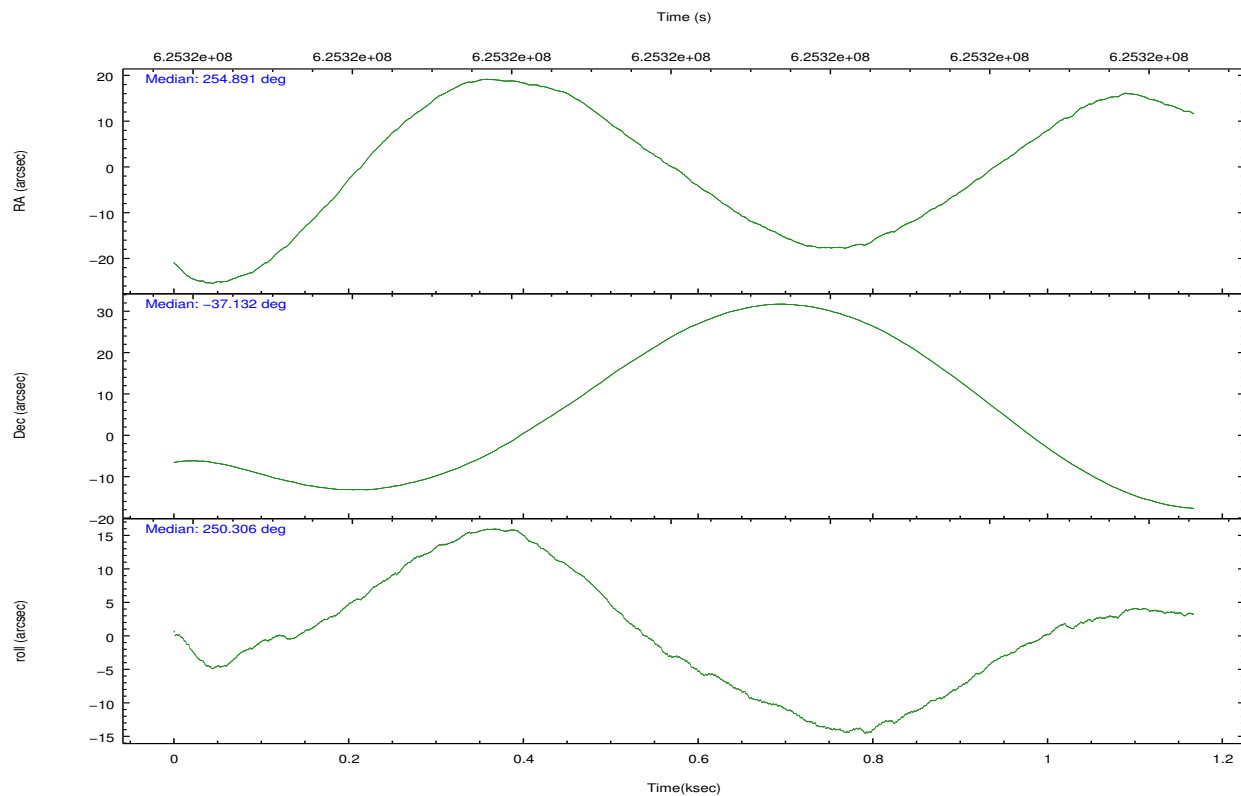
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	254.882507	254.8911039077977
[deg] Pointing Dec	-37.102282	-37.13090129427308
[deg] Pointing Roll	250.243535	250.3160950306525
[mm] SIM focus pos	-1.529586	-1.523540733526241
[mm] SIM defocus	0.003750771043328743	0.009795905878055677
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	625322414.184000	625320814.97221
Observation start date	2017-10-25T12:39:05	2017-10-25T12:13:34
[s] Observation end time (MET)	625323414.184000	625324643.85993
Observation end date	2017-10-25T12:55:45	2017-10-25T13:17:23

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



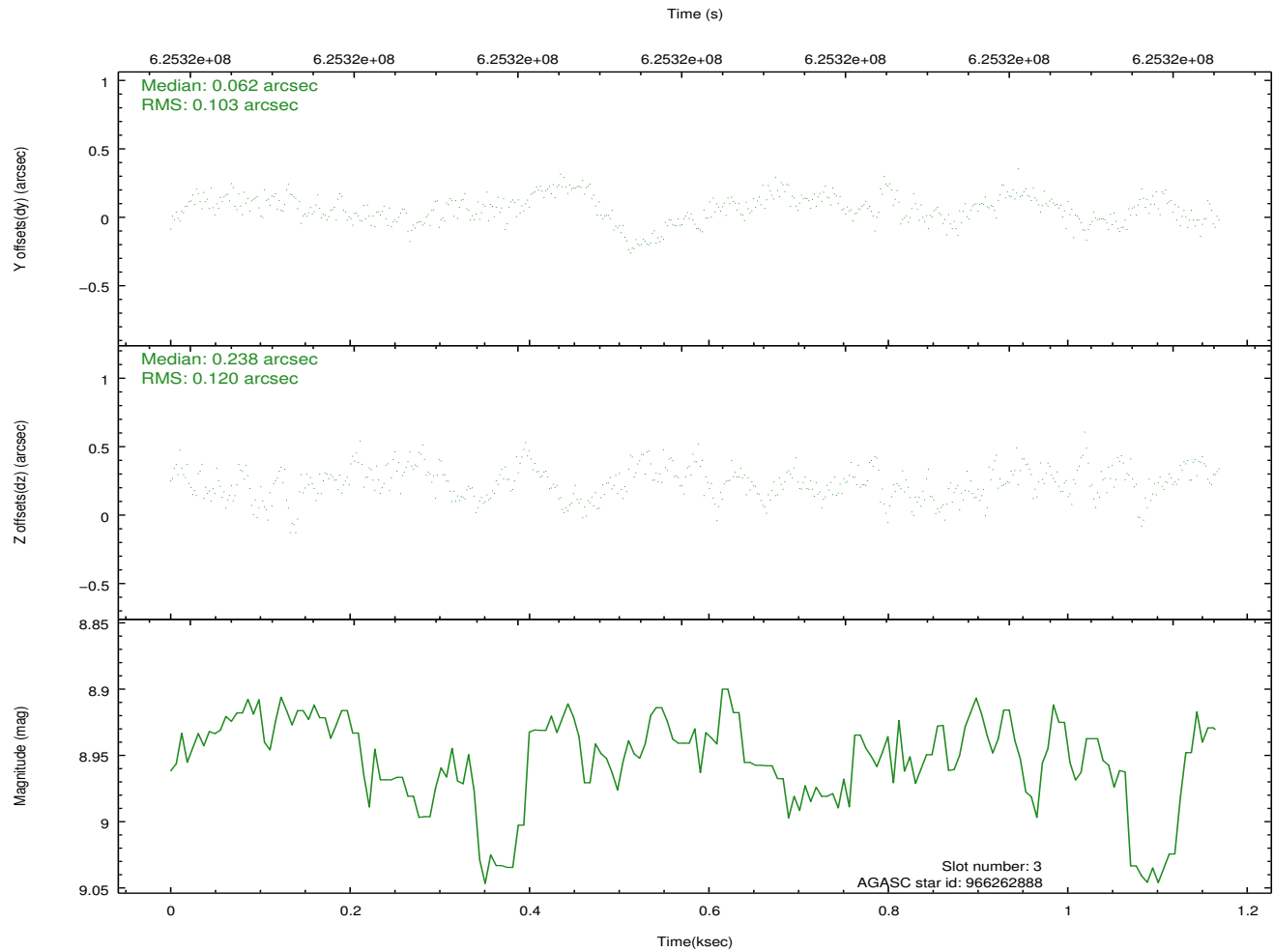
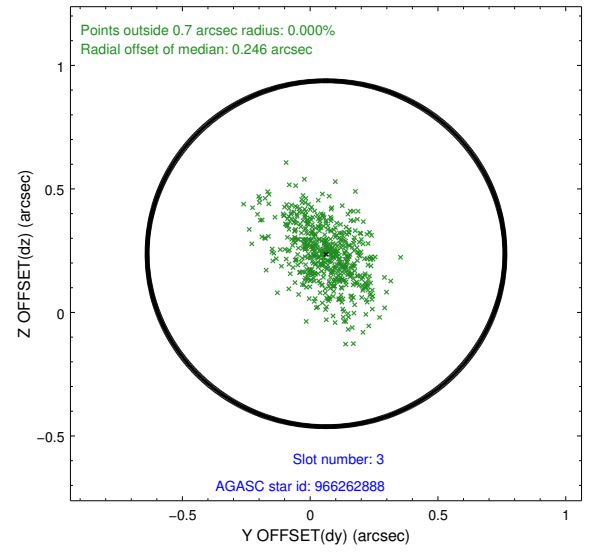
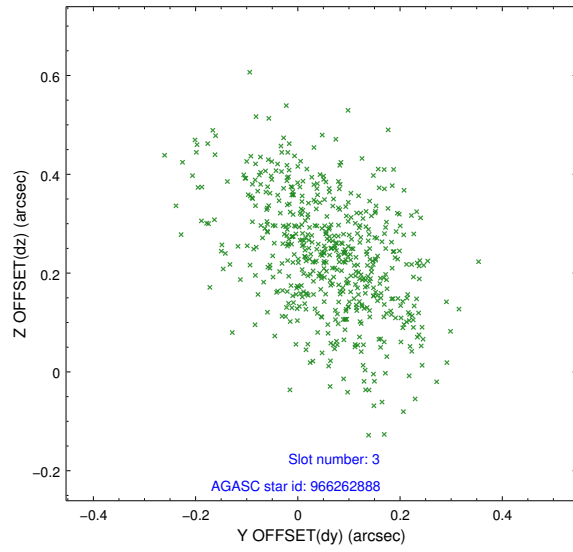


Slot Statistics

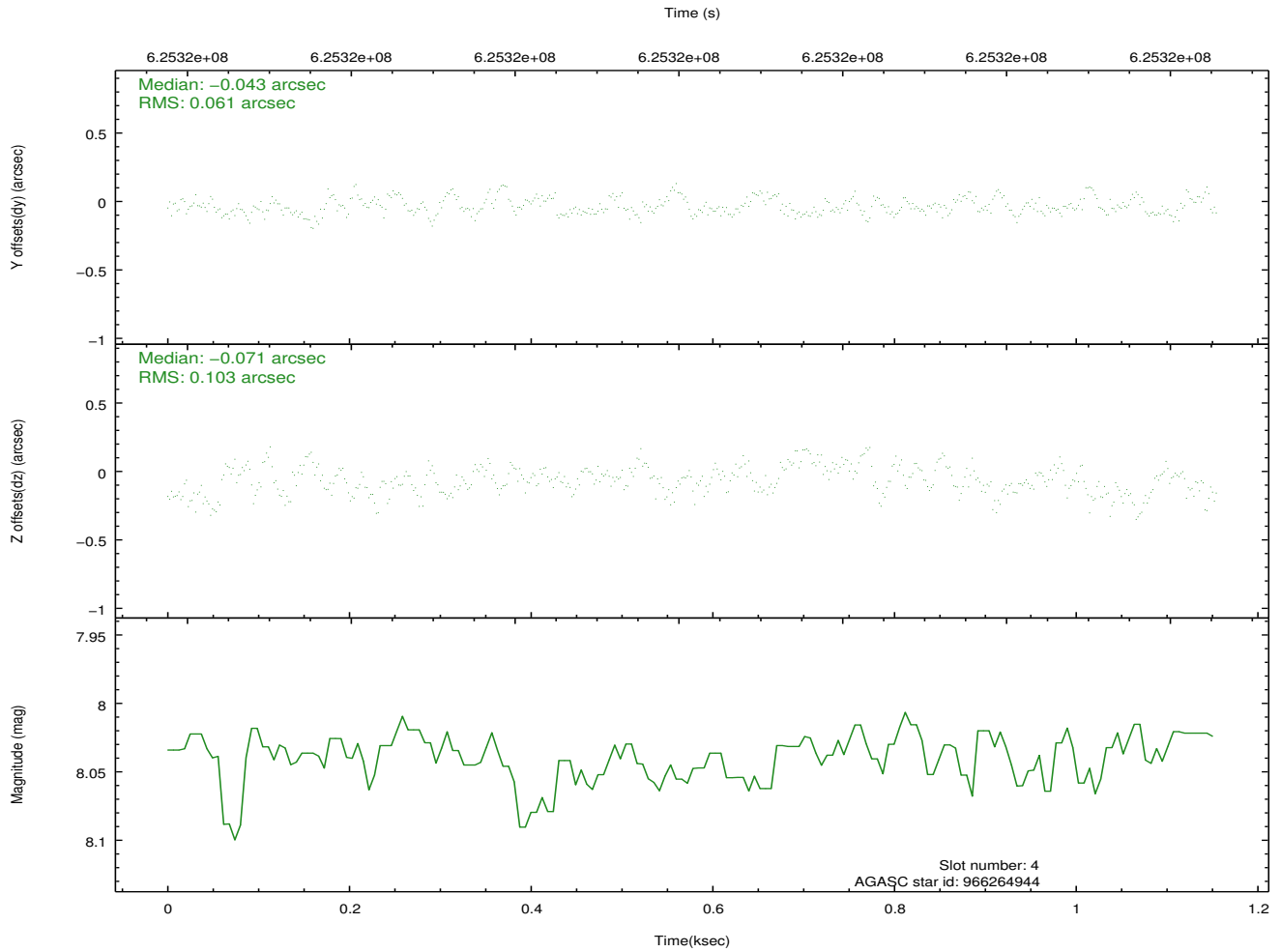
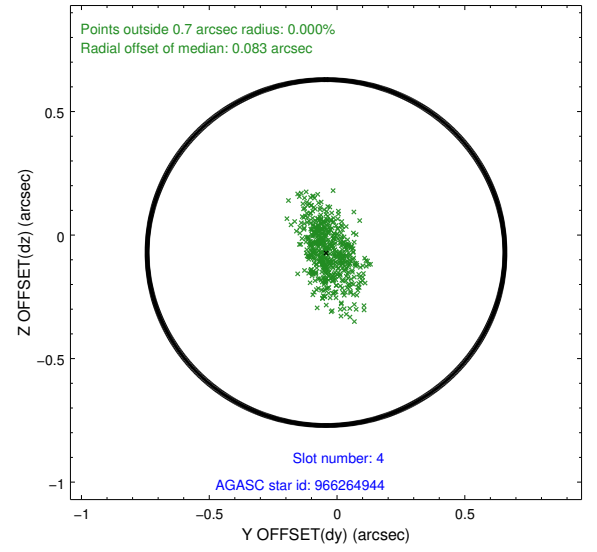
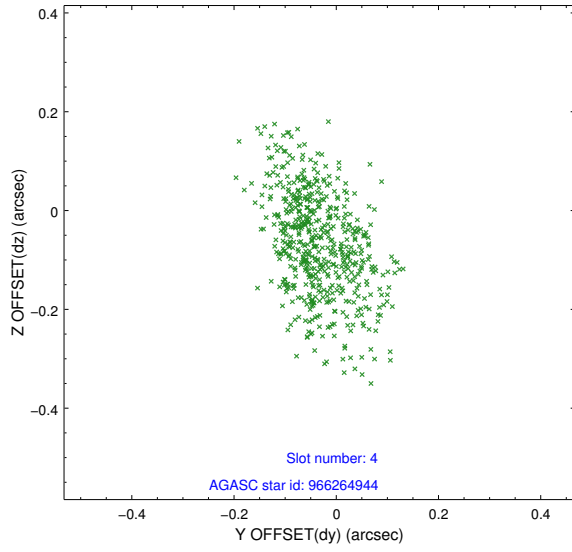
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.08	286	-0.117	-0.297	0.007	0.013	0.000000	0.000000	-1173.96	-473.46
1	FID		HRC-S-3	7.05	285	0.064	-0.006	0.010	0.016	0.000000	0.000000	-1180.72	554.69
2	FID		HRC-S-4	7.02	284	0.440	0.006	0.005	0.010	0.000000	0.000000	1220.58	561.10
3	GUIDE	used	966262888	8.95	571	0.062	0.238	0.166	0.288	255.306720	-36.709712	-1741.19	673.54
4	GUIDE	used	966264944	8.04	564	-0.043	-0.071	0.122	0.216	255.480590	-37.301475	96.98	1855.58
5	GUIDE	used	966269552	7.74	571	-0.123	-0.255	0.111	0.194	255.299822	-37.331349	373.78	1405.43
6	GUIDE	used	966137216	8.79	571	0.029	0.002	0.155	0.254	253.980001	-37.098541	875.22	-2438.14
7	GUIDE	used	966137312	8.64	570	0.062	0.082	0.144	0.241	254.068569	-37.262380	1341.35	-2002.01

2.4 Star Slots

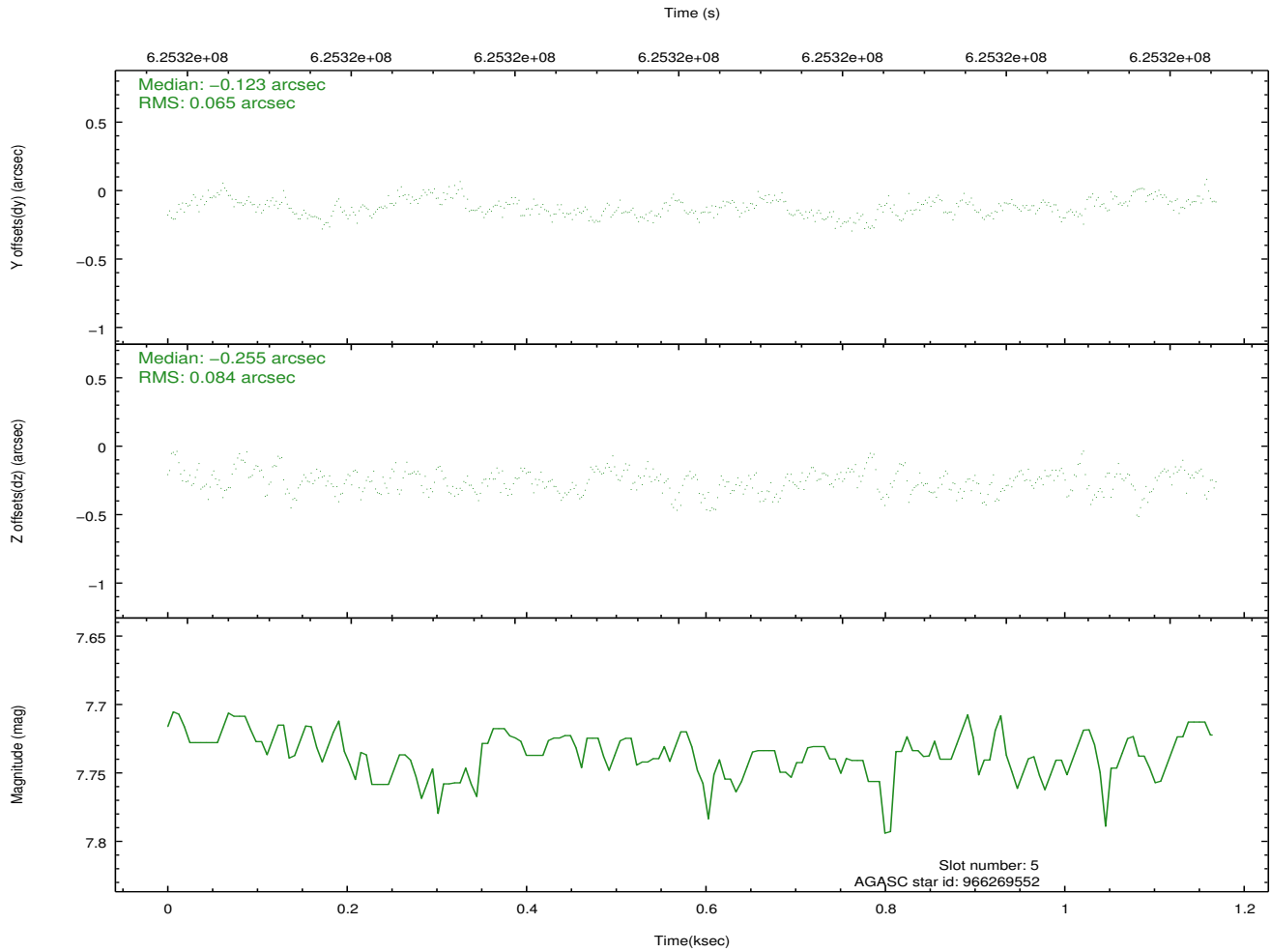
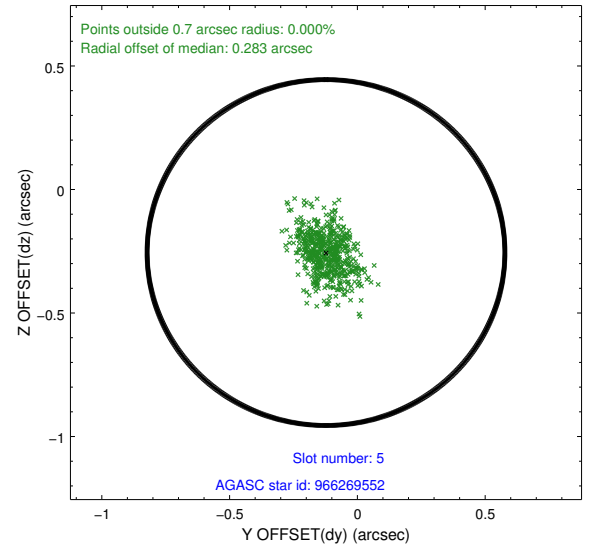
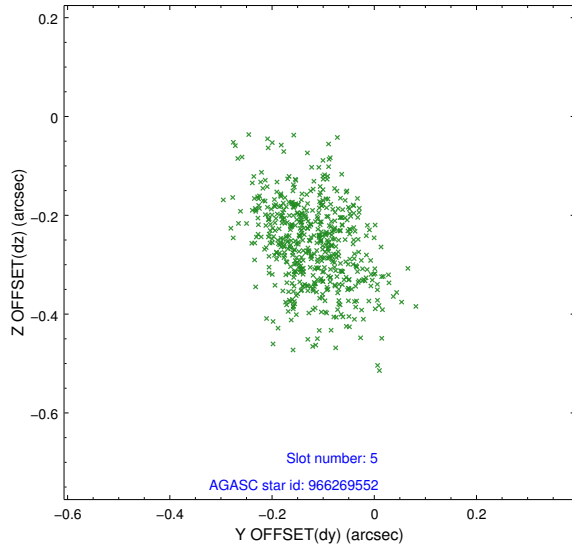
2.4.1 Slot 3



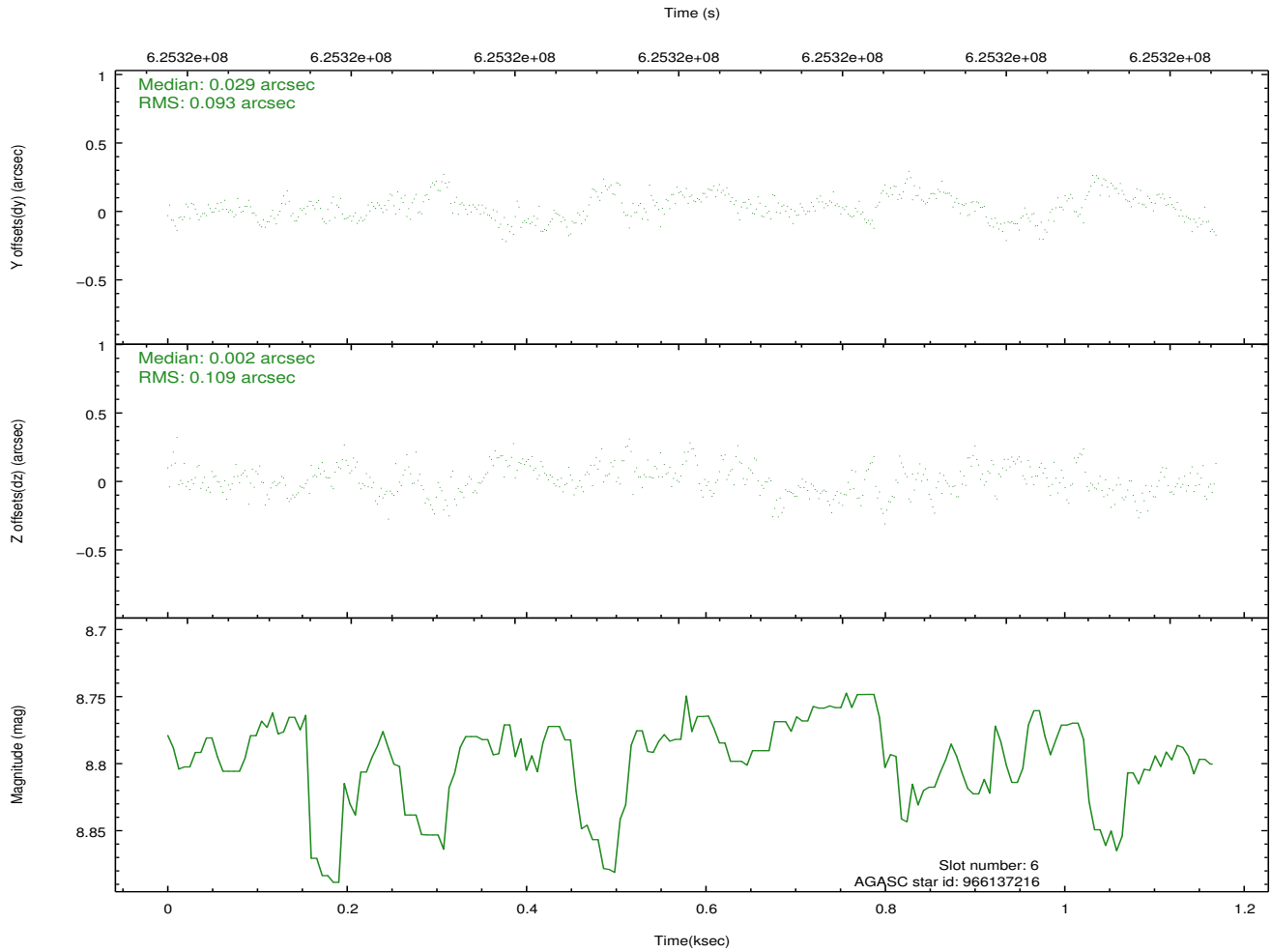
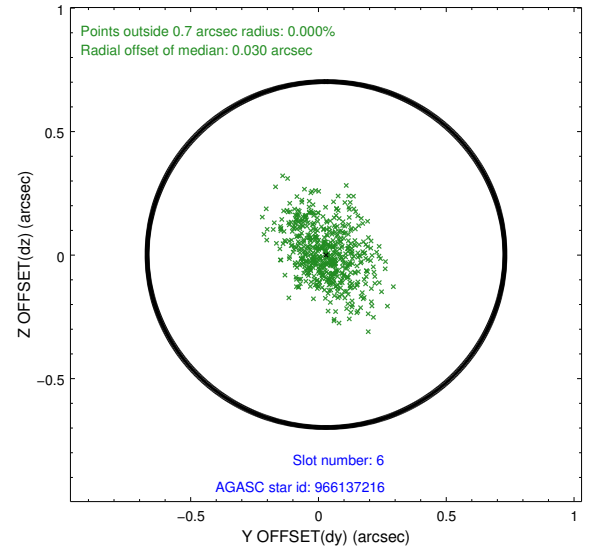
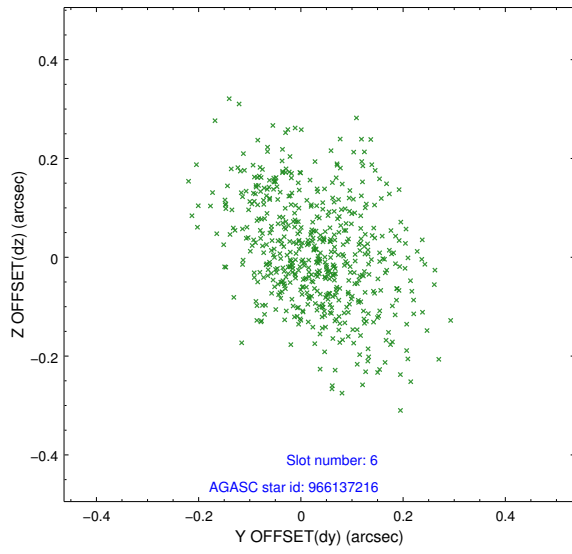
2.4.2 Slot 4



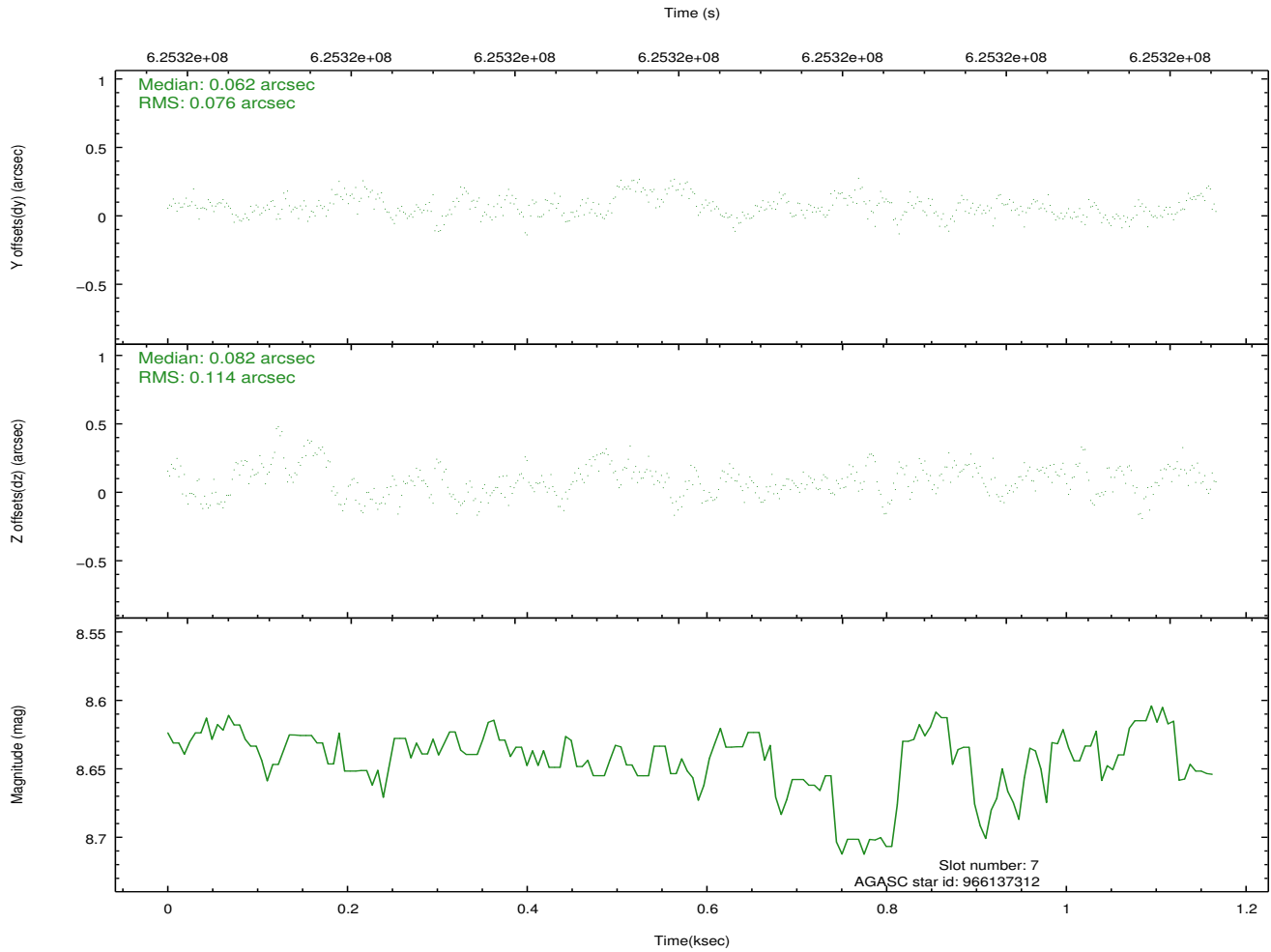
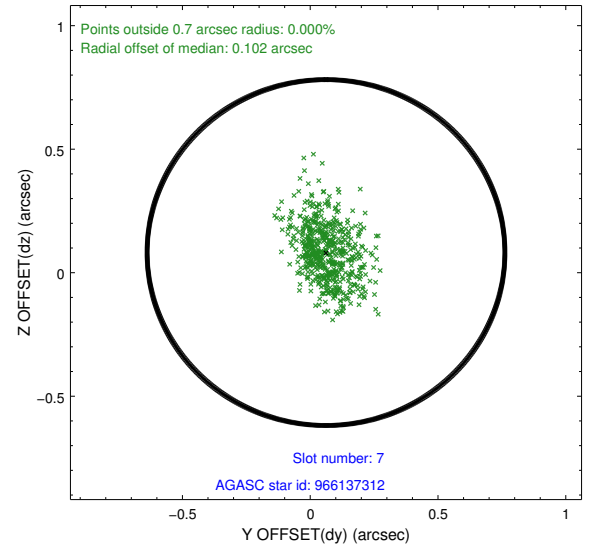
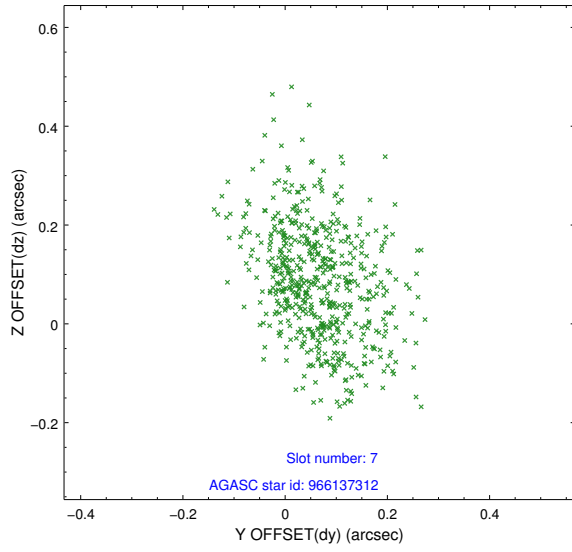
2.4.3 Slot 5



2.4.4 Slot 6

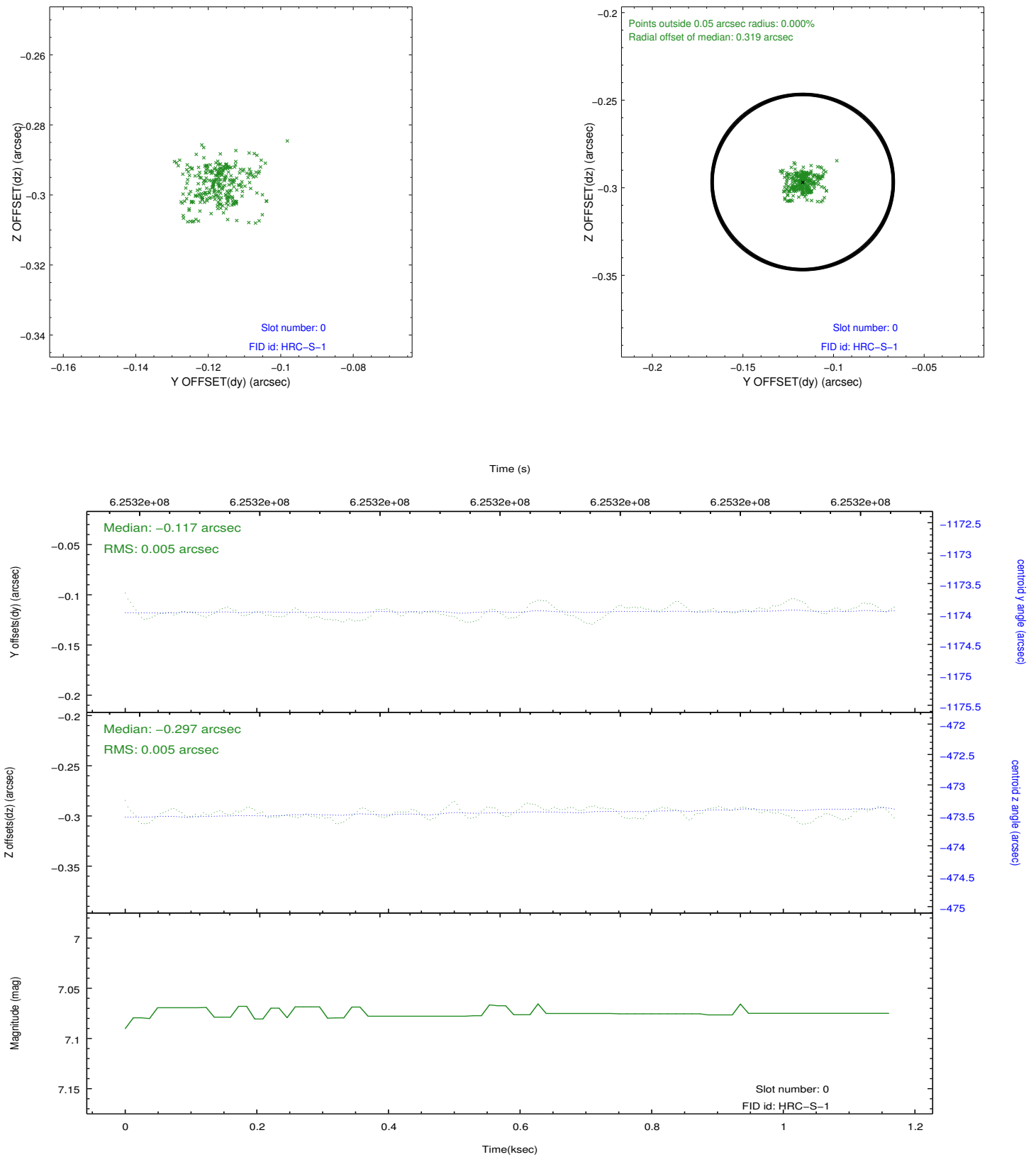


2.4.5 Slot 7

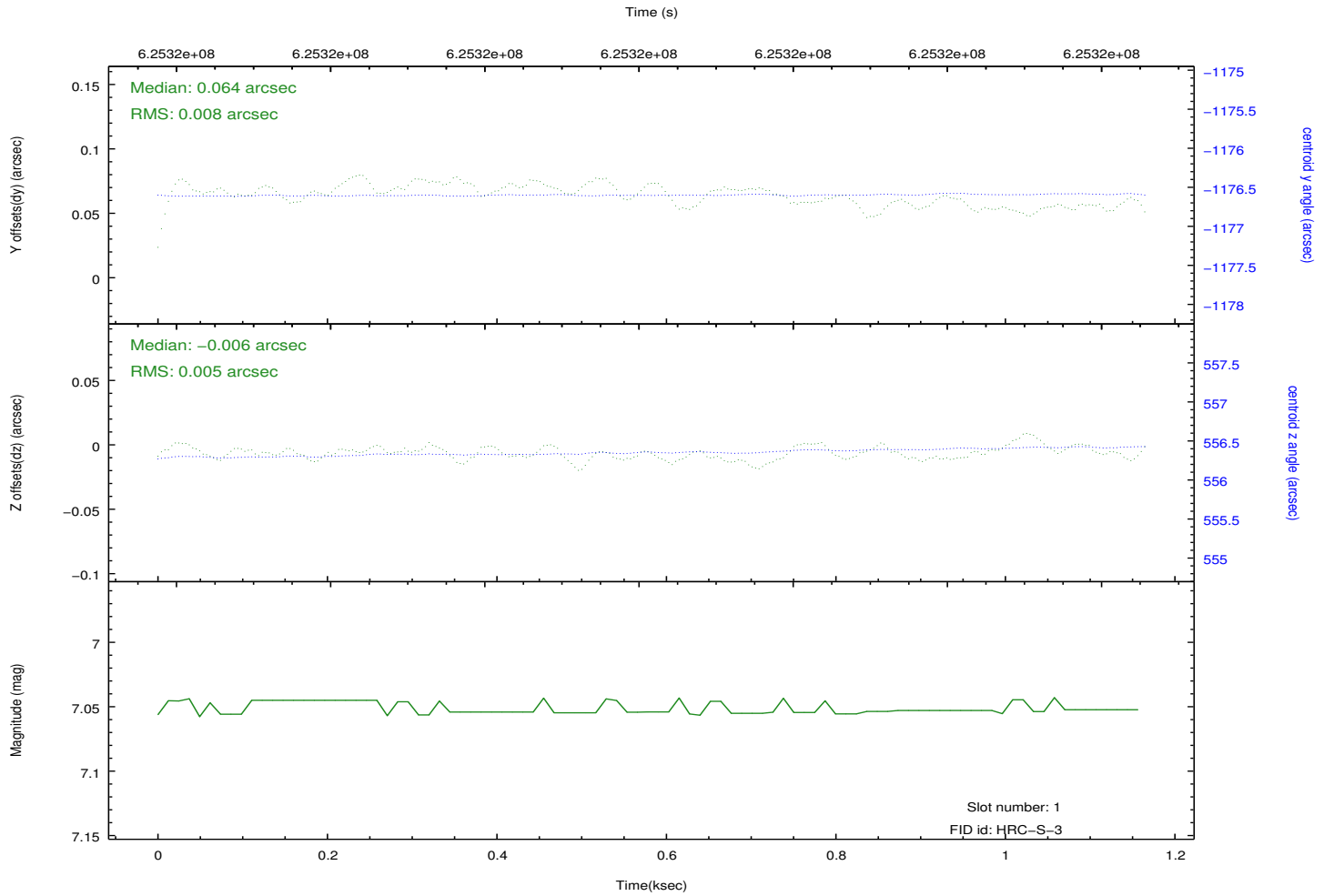
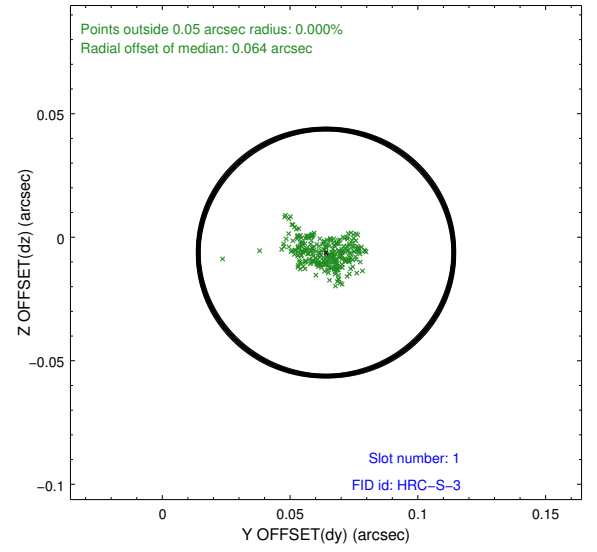
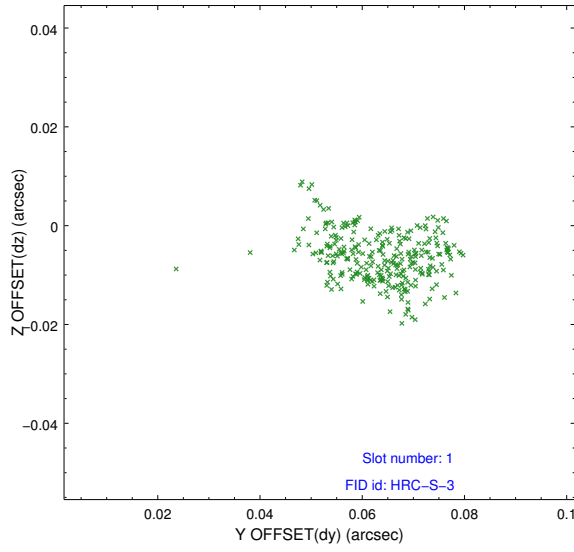


2.5 FID Slots

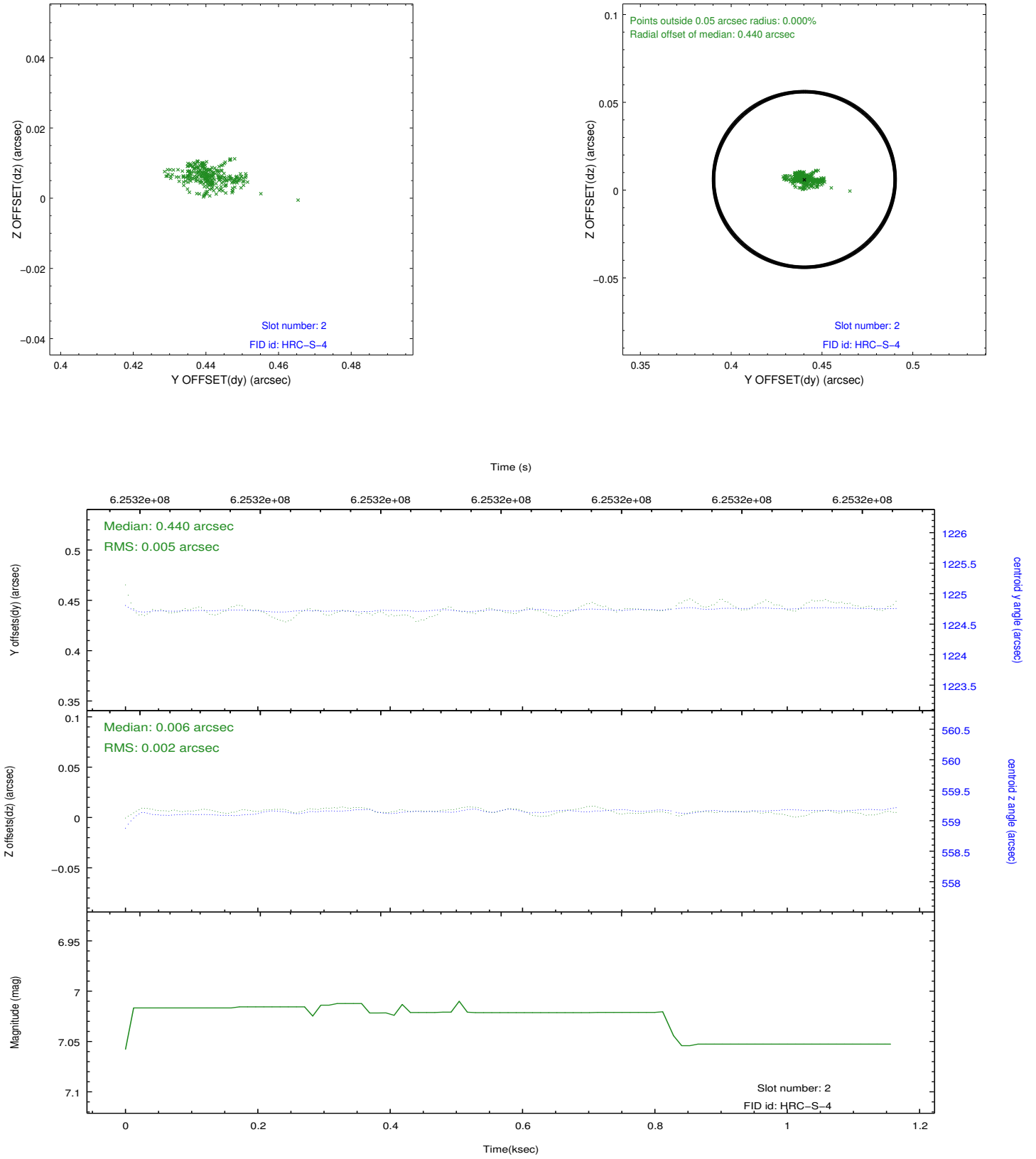
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1674750685692

A.2 Comments